

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-5. (canceled)

6. (Original) A refrigerator comprising:
a refrigerating chamber (2) housed inside a body (7);
a cooling circuit (3) for cooling said refrigerating chamber (2);
a thermostat (5) connected to said cooling circuit (3) to regulate a temperature inside said refrigerating chamber (2), and having an electronic control circuit (17); and
lighting means (6) having a light source (22) for lighting the inside of said refrigerating chamber (2);
characterized in that at least one of said electronic control circuit (17) and said light source (22) is housed outside said refrigerating chamber (2).

7. (Original) A refrigerator as claimed in claim 6, characterized in that said lighting means (6) comprise a light guide (25) connected to said light source (22) to convey into said refrigerating chamber (2) a light beam emitted by said light source (22).

8. (Original) A refrigerator as claimed in claim 7, characterized in that said light guide (25) comprises an optical-fiber cable having a first end (25a) connected to said light source (22), and a second end (25b) facing inwards of said refrigerating chamber (2).

9. (Original) A refrigerator as claimed in claim 6, characterized by comprising a switch (23) connected to said light source (22) and fitted to the front of said body (7), outside said refrigerating chamber (2); and by comprising a door (8) for closing said refrigerating chamber (2) and which cooperates with said switch (23) to turn said light source (22) alternately on and off.

10. (Original) A refrigerator as claimed in claim 9, characterized in that said switch (23) has a first operating configuration in which said light source (22) is turned off when said door (8) is closed, and a second operating configuration in which said light source (22) is turned on when said door (8) is opened.

11. (Original) A refrigerator as claimed in claim 10, characterized in that said switch (23) is normally closed, and has a control button (30); said control button (30) being withdrawn when said door (8) is closed, and being released when said door (8) is opened.

12. (Original) A refrigerator as claimed in claim 6, characterized in that said thermostat (5) comprises an electromechanical temperature selector (20); and a manual regulating device (18) housed inside said refrigerating chamber (2) and connected to said electromechanical temperature selector (20) by a flexible control cable (19).

13. (Original) A refrigerator as claimed in claim 12, characterized in that said flexible control cable (19) is a Bowden cable.

14. (Original) A refrigerator as claimed in claim 7, characterized in that said light guide (25) and said flexible control cable (19) are housed at least partly in a gap (10) defined between said body (7) and said refrigerating chamber (2).

15. **(new)** A refrigerator, comprising a refrigerating chamber and a service device, said device comprising a thermostat including:

an electric temperature control circuit mounted in the refrigerator but outside the refrigerating chamber; and

a manual regulator for adjusting a setting of said electric temperature control circuit, said manual regulator being mounted in the refrigerator at a location accessible to a user of the refrigerator.

16. **(new)** The refrigerator of claim 15, further comprising a flexible control cable connecting said manual regulator and said electric temperature control circuit.

17. **(new)** The refrigerator of claim 16, wherein said flexible control cable mechanically converts movement of a moving part of said manual regulator into corresponding adjustment of the setting of said electric temperature control circuit.

18. **(new)** The refrigerator of claim 16, wherein said flexible control cable is a Bowden cable.

19. **(new)** The refrigerator of claim 18, further comprising
a light source mounted in the refrigerator but outside the refrigerating chamber; and
a light guide having an end coupled to receive light from said light source and another, opposite end extending through and being fixed to a wall of the refrigerating chamber, thereby delivering the light from said light source to an interior of the refrigerating chamber.

20. **(new)** The refrigerator of claim 19, further comprising a switch connected to said light source and located to be activated by a door of the refrigerator to turn said light source on and

off.

21. **(new)** The refrigerator of claim 19, further comprising a housing accommodating both said electric temperature control circuit of said thermostat and said light source, said housing being mounted in the refrigerator but outside the refrigerating chamber.

22. **(new)** The refrigerator of claim 18, wherein said thermostat further comprises a potentiometer coupled to said Bowden cable so as to be adjusted by said manual regulator.

23. **(new)** The refrigerator of claim 16, further comprising
a light source mounted in the refrigerator but outside the refrigerating chamber;
a light guide having an end coupled to receive light from said light source and another, opposite end extending through and being fixed to a wall of the refrigerating chamber, thereby delivering the light from said light source to an interior of the refrigerating chamber; and
a control box containing both said electric temperature control circuit of said thermostat and said light source, said control box being mounted in the refrigerator but outside the refrigerating chamber.

24. **(new)** The refrigerator of claim 23, wherein the flexible control cable and the light guide extend through a wall of said control box, and the manual regulator and the opposite end of said light guide are located outside said control box.

25. **(new)** A refrigerator, comprising a refrigerating chamber and a service device, said device comprising:

at least an electric control circuit for controlling a condition of an environment inside the refrigerating chamber;

first mounting means for mounting said electric control circuit outside the refrigerating chamber;

regulating means for adjusting a setting of said electric control circuit; and

second mounting means for mounting said regulating means inside the refrigerating chamber.

26. **(new)** The refrigerator of claim 25, further comprising connecting means for transmitting a signal presenting a new setting value from said regulating means to said electric control circuit.

27. **(new)** The refrigerator of claim 25, further comprising connecting means for mechanically connecting said regulating means and said electric control circuit and for mechanically transmitting a signal presenting a new setting value from said regulating means to said electric control circuit.

28. **(new)** The refrigerator of claim 25, further comprising a Bowden cable mechanically connecting said regulating means and said electric control circuit.